ADMINISTRATIVE - INTERNAL USE ONLY

OIT 0561y-84

3 0 JUN 1986   OIT/TRIS
                      LOGGED

MEMORANDUM FOR: Director of Information Technology, DA

FROM: STAT

                 Director of Information Resources, DI

SUBJECT: OIR Publication Procurement System Workstation
                 Configuration

1. OIR is undertaking an effort to fully automate CIA's Open-Source
Procurement system. The project has been under development for the past year
and a half and Phase I is scheduled to become operational at the end of August.

2. At the present time, all but two of the systems requirements have been
satisfied. The two requirements yet to be satisfied are printing on a variety
of pre-printed forms and generating dissemination mailing labels on printers
co-located with the dissemination clerks. Detailed analysis by OIR's Computer
Systems Analysts, in conjunction with [   ] OIT, recommend   STAT
that the following configuration be established to effectively support the
printing requirements:

    a. IBM 3270 AT/PC's attached to the IBM mainframe with two logical
    units (LU's) per terminal. One way of implementing this is 'connecting to
    the IBM mainframe with coaxial cables and IBM 3174 controllers. When
    the PBX becomes operational, it could be used for the connection instead
    of the controllers.

    b. An Application Programmer's Interface (API), written by OIR
    programmers, will be used to transfer printer output from the mainframe
    to the PC.

    c. A PC program, written by OIT programmers, will control the
    printing of pre-printed forms and dissemination labels on each PC.

This configuration will use one host session to connect to IDMS/R and the
other host session will work with the PC session to handle printing labels or
special forms. Each dissemination clerk, initially 11, will need this
configuration.

3. The recommendation to pass data to the PC using a secondary host
session suggests that the IBM 3174 controllers should be configured to allow
multiple logical units for a single 3270 AT. Since our application requires
over 30 concurrent users, it is requested that two IBM 3174 controllers be
installed in GE47 and configured to support two host sessions for each
3270 AT. This configuration will support 32 concurrent users. That is
16 workstations per 3174, with two logical units per connection.

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    4. OIR is willing to fund all expenses for this configuration in order to facilitate timely implementation. OIR has already ordered its initial 11 3270 AT's and anticipates installing them by 20 August. At this time, the connection to the IBM mainframe should be available.

    5. I appreciate the support that OIT has provided us on this project. _____ OIR Systems Analyst, may be contacted on _____ STAT for technical information regarding our requirements.

STAT

STAT

Distribution:
  Orig. & 1 - Addressee
        1 - OD/OIR
        1 - C/PDD/OIR
        2 - SAB Files
DI/OIR/PDD/SAB/_____ (27 Jun 86)   STAT

O/D/OIT Routing Slip

Date _____7/1_____

	Action	Info	Seen
D		L	
DD	✓	✓	
DD-M		✓	X
DD-O	X		
Nancy			
Mimi			
Yolanda			
SA/D&E			
A&TPS			
C/NBPO			
C/IISG			
C/NSG			
C/NSEG			
C/MISG			
C/GOG			
C/ESG			
C/DFG			
C/M&CG			
C/AS			
HRP			
Destroy			

COMMENT:

Leo: this is a project that should be managed out of D&E (significant new work). OIT/Ops will support with s/ft acquistn, installation and O&M as needed.

Sent to NSEG for action